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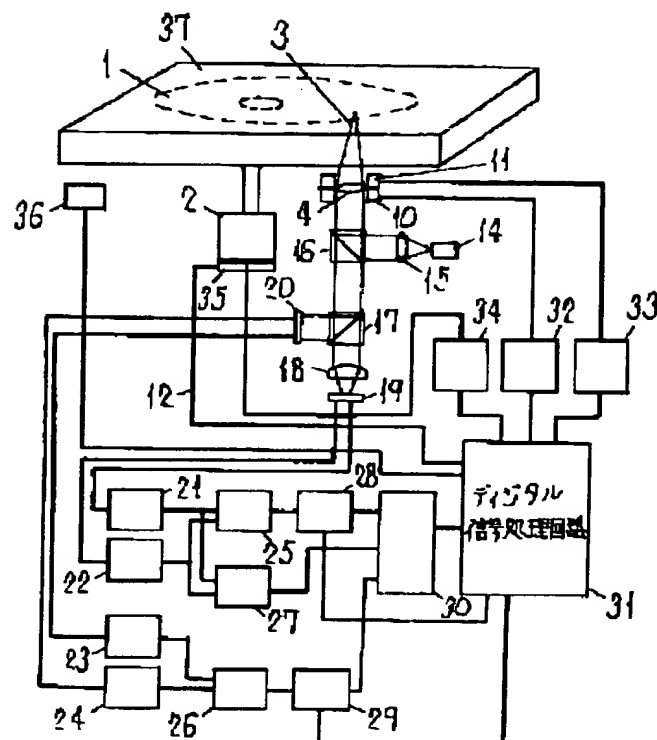
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APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

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INT.CL. : G11B 19/12 G11B 7/085 G11B 7/095  
G11B 19/28

TITLE : OPTICAL-DISK CONTROL  
APPARATUS



ABSTRACT : PURPOSE: To perform a recording and reproducing operation with high reliability by detecting the kind of an optical disk and changing over and controlling a servo characteristic stably.

CONSTITUTION: An optical-disk control apparatus is provided with a hole (not indicated in the figure), in a cartridge, which indicates the reflection factor of a small optical disk and with a reflection-factor detection means (an addition circuit 27) which detects the reflection factor of an optical disk 1. Before a focusing operation for the optical-disk control apparatus is turned on, actuators 10, 11 are brought close to, or moved away from, the disk 1, and its reflection factor is detected by the reflection-factor detection means 27. Whether the disk is a small disk or a disk having other sizes is discriminated on the basis of the state of the hole in the cartridge and on the basis of the reflection factor of the disk, the characteristic of a spindle motor or the gain of a servo signal and an RF gain is changed over.

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